

# Rutvik Kokate

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**GitHub:** <https://github.com/rutvikokate> | **LinkedIn:** <https://www.linkedin.com/in/rutvik-kokate-b85aa419b/> | **Website :** <https://rutvikokate.vercel.app>

## OBJECTIVE

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A computer engineer with a passion for creativity and design, I practice the fusion of technology and art through my work. Currently a Post-graduate from Department of Design, IIT Hyderabad, I have a knack for design and a brain for complex programming. Through my work I aim to constantly explore new technologies and research on design computation and cognition to build a better understanding of Human-machine interactions.

## EDUCATION

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- **Master of Design (MDes)** | IIT Hyderabad | CGPA: 9.36 2022-2024
- **Bachelor of Engineering (BE) Computer Engineering** | FCRIIT, Vashi | CGPA: 8.85 2017-2021

## EXPERIENCE

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- **User Experience Intern | Optum UHG** May - June 2023
  - 'An interconnected digital experience for medication adherence and improved well-being among Thyroid patients'. Delivered a phygital working prototype.
- **Senior Data Engineer | LTI (Larsen Toubro Infotech)** 2021 - 2022
  - Experienced in solving data warehousing tasks. Leveraged Python, Linux scripts skills. Trained in PowerBI for creating data visualizations and Azure\_PowerBI data pipelines.
- **Project Lead | FCRIIT, Vashi** 2020 - 2023
  - Designed and Developed examination, hallticket generation software for examcell department which helped automate manual tasks, save resources, faster generation of halltickets.
- **Machine Learning Intern | Reliance PetroChemicals** May - June 2019

## COURSES & CERTIFICATIONS

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- Front End Web Development with React (Coursera)
- Machine Learning A-Z with Python, R (Udemy)
- IoT hands on training course.

## ACHIEVEMENTS

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- CEED 2022 - AIR 140
- IIT Hyderabad 15<sup>th</sup> Foundation Day, Academic Excellence Award – Master of Design.
- Letter of Appreciations ( IIT Hyderabad, FCRIIT Vashi ).

## PUBLICATIONS

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- **Automation of Examination Registration Process.** IJSRED-V316P51
  - International Journal of Scientific Research and Engineering Development · Nov 1, 2020
- **Human Pose Detection And Estimation.** IJCRT2009321
  - International Journal Of Creative Research Thoughts - IJCRT · Sep 15, 2020

## RELEVANT SKILLS

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- **Concepts:** Design research, User research, Prototyping , Immersive Reality.
- **Software:** Unreal, Unity, Protopie, Spline, Blender, Android Studio.
- **Programming languages:** Python, C/C++, JavaScript.
- **Extra-curricular:** Team leadership, mentoring, public speaking.

## PROJECTS

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- Leveraging LLMs for Context Aware Idea Generation. (IIT Hyderabad)
- Fluid Minds: Ferrofluids as an engagement tool. ( IIT Hyderabad )
- An interconnected digital experience for medication adherence and improved well-being among Thyroid patients. ( Optum )
- Ancient Egypt with Augmented Reality. (IIT Hyderabad)
- Design/ development of Students Portfolio - DoD IIT Hyderabad website.
- Design/ development of INDReA (Interactive Digital Reality Application) Lab website - DoD IIT Hyderabad. ( <https://indrea.vercel.app> )
- Automated Hall ticket Generation Website – Mock UI.